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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/753,837	
	Filing Date	January 7, 2004	
	First Named Inventor	Stephen B. SIEGEL	
	Art Unit	1756	
	Examiner Name	Marianne L. Padgett	
Total Number of Pages in This Submission		Attorney Docket Number	6987/90136

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Welsh & Katz, Ltd.		
Signature	<i>Thomas W. Tolpin</i>		
Printed name	Thomas W. Tolpin		
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Attorney Docket No. 6987/90136
Serial No. 10/753,837

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Stephen B. SIEGEL)	Group Art Unit:	1756
)		
Serial No:	10/753,837)	Primary Examiner:	Marianne L. Padgett
)		
Filed:	January 7, 2004)	Attorney Docket No:	6987/90136
)		
For:	Rotary UV Curing Method and Apparatus)	Confirmation No.	6782
)		

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

The patents, published patent applications, abstracts, and publications listed below were located during a prior patent search of the above-identified application or cited in a related U.S. Patent Application or an International Search Report or in an International Preliminary Report on Patenability of a corresponding or related International Patent Application. The patents, published patent applications, abstracts, and publications listed below generally relate to the subject matter of the invention, but do not fairly teach or suggest the claimed UV Curing Method and Apparatus. Copies of the listed patents, published patent applications, abstracts, and publications, are enclosed for the consideration of the Primary Examiner.

1. Hochestein U.S. Patent Published Application No. US2001/0030866 A1 published October 18, 2001 pertains to an LED Integrated Heat Sink.

3. Matsumoto et al. U.S. Patent Published Application No. US2001/0052920 A1 published December 20, 2001 pertains to an Ink Jet Printer and Ink Jet Printing Method.
4. Codos U.S. Patent Published Application No. US2002/0044188 A1 published April 18, 2002 pertains to a Method and Apparatus for Ink Jet Printing.
5. Sweatt et al. U.S. Patent Published Application No. US2002/0074554 A1 published June 20, 2002 pertains to a Microoptical System and Fabrication Method Therefor.
6. Cleary et al. U.S. Patent Published Application No. US2002/0149660 A1 published October 17, 2002 pertains to an Apparatus and Method For Setting Radiation-Curable Ink.
7. Kanie et al. U.S. Patent Published Application No. US2002/0175299 A1 published November 28, 2002 pertains to a Ultraviolet Irradiation Apparatus And Method Of Forming Cured Coating Film Using The Apparatus.
8. Kobayashi et al. U.S. Patent Published Application No. US2004/0011457 A1 published January 22, 2004 pertains to an Adhesive Curing Method, Curing Apparatus, and Optical Disc Lamination Apparatus Using the Curing Apparatus.
9. Kobayashi et al. U.S. Patent Published Application No. US2004/0134603 A1 published July 15, 2004 pertains to a Method and Apparatus for Curing Adhesive Between Substrates, and Disc Substrate Bonding Apparatus.
10. Ramler U.S. Patent No. 4,010,374 granted March 1, 1977 pertains to a Ultraviolet Light Processor And Method of Exposing Surfaces to Ultraviolet Light.
11. Sachs U.S. Patent No. 4,309,452 granted January 5, 1982 pertains to a Dual Gloss Coating and Process Therefor.
12. Le Creff U.S. Patent No. 4,990,971 granted February 5, 1991 pertains to a Light Emitting Diode Network.
13. Ignatius et al. U.S. Patent No. 5,278,432 granted January 11, 1994 pertains to an Apparatus For Providing Radiant Energy.
14. Kennedy U.S. Patent No. 5,420,768 granted May 30, 1995 pertains to a Portable LED Photocuring Device.

15. Bocko et al. U.S. Patent No. 5,535,673 granted July 16, 1996 pertains to a Method of Printing a Color Filter.
16. Ignatius et al. U.S. Patent No. 5,660,461 granted August 26, 1997 pertains to Arrays of Optoelectronic Devices and Method of Making Same.
17. D'Silva U.S. Patent No. 5,762,867 granted June 9, 1998 pertains to an Apparatus And Method For Activating Photoactive Agents.
18. Lin U.S. Patent No. 5,764,263 granted June 9, 1998 pertains to a Printing Process, Apparatus, and Materials for the Reduction of Paper Curl.
19. Hochstein U.S. Patent No. 5,857,767 granted January 12, 1999 pertains to a Thermal Management System for L.E.D. Arrays.
20. Itou U.S. Patent No. 5,986,682 granted November 16, 1999 pertains to a Recording Apparatus and Recording Method.
21. Wen et al. U.S. Patent No. 6,092,890 granted July 25, 2000 pertains to Producing Durable Ink Images.
22. Caiger et al. U.S. Patent No. 6,145,979 granted November 14, 2000 pertains to an Ink Jet Printer with Apparatus for Curing Ink and Method.
23. Taninaka et al. U.S. Patent No. 6,163,036 granted December 19, 2000 pertains to a Light Emitting Element Module with a Parallelogram-Shaped Chip and a Staggered Chip Array.
24. Masuda et al. U.S. Patent No. 6,188,086 B1 granted February 13, 2001 pertains to a Light Emitting Diode Array And Optical Image Forming Apparatus With Light Emitting Diode Array.
25. Roth U.S. Patent No. 6,354,700 B1 granted March 12, 2002 pertains to a Two-Stage Printing Process and Apparatus for Radiant Energy Cured Ink.
26. Eastlund et al. U.S. Patent No. 6,425,663 B1 granted July 30, 2002 pertains to a Microwave Energy Ink Drying System.
27. Hu et al. U.S. Patent No. 6,447,112 B1 granted September 10, 2002 pertains to a Radiation Curing System and Method for Inkjet Printers.
28. Cleary et al. U.S. Patent No. 6,457,823 B1 granted October 1, 2002 pertains to an Apparatus And Method For Setting Radiation-Curable Ink.
29. Harrah et al. U.S. Patent No. 6,498,355 B1 granted December 24, 2002 pertains to a High Flux LED Array.

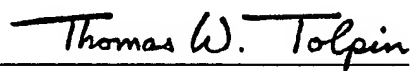
30. Vackier et al. U.S. Patent No. 6,525,752 B2 granted February 25, 2003 pertains to an Exposure Unit With Staggered LED Arrays.
31. Kramer U.S. Patent No. 6,630,286 B2 granted October 7, 2003 pertains to a Process for Preparing a Printing Plate.
32. Kennedy et al. U.S. Patent No. 6,683,421 B1 granted January 27, 2004 pertains to an Addressable Semiconductor Array Light Source for Localized Radiation Delivery.
33. Jin et al. U.S. Patent No. 6,783,810 B2 granted August 31, 2004 pertains to Reducing Polymerization Stress By Controlled Segmental Curing.
34. Abstract: Noburu et al. Japanese Patent Publication Application No. JP 2000-268416 published September 29, 2000 of Global Mach KK pertains to an Optical Disk Adhering Apparatus.
35. Abstract: Eiji et al. Japanese Patent Publication Application No. JP 2001-209980 published August 3, 2001 of Matsushita Electric Ind. Co. Ltd. pertains to a Method and Device For Production of Optical Information Recording Medium.
36. Abstract: Shigeru et al. Japanese Patent Publication Application No. JP 2005-129662 published May 19, 2005 of Iwasaki Electric, Co. Ltd. pertains to Manufacture of Light Emission Diode Lamp.
37. Publication: *"Photoinitiators for UV Curing Key Products Selection Guide, Coating Effects"*, by Ciba Specialty Chemicals, Edition 2001, Switzerland.
38. Publication: *"Photoinitiators for UV Curing Formulators' Guide for Coatings, Additives"*, by Ciba Specialty Chemicals, Edition 2001, Switzerland.
39. Publication: *"Optical Properties of Si-Doped $Al_xGa_{1-x}N/Al_yGa_{1-y}N$ ($x=0.24-0.53$, $y=0.11$) Multi-Quantum-Well Structures"* by H. HIRAYAMA and Y. AOYAGI, The

Institute of Physical and Chemical Research, Saitama, Japan, MRS Internet J. Nitride
Semicond. Res. 4S1,G3.74 (1999).

Authorization is hereby given to charge any fees in connection with this Second
Supplemental Information Disclosure Statement or any deficiency in fees or any other fees in
connection with the subject application to our Deposit Account No. 23-0920.

Dated: March 20, 2006

Respectfully submitted,



Thomas W. Tolpin
Registration Number 27,600
Attorney for Applicant

Address:
Welsh & Katz
120 S. Riverside Plaza, 22nd Floor
Chicago, Illinois 60606
Phone: (312) 655-1500
Fax: (312) 655-1501



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10/24/2001 W&K Substitute for Form PTO-SB/08A, which is a USPTO Substitute for form 1449A/PTO and 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/753,837	
			Filing Date	January 7, 2004	
			First Named Inventor	Stephen B. Siegel	
			Group Art Unit	1756	
			Primary Examiner Name	Marianne L. Padgett	
			Confirmation No.	6782	
Sheet	1	of	1	Attorney Docket Number	6987/90136

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code ² (if known)				
	1	US2001/0030866A1	10-18-2001	Hochstein		
	2	US2001/0048814A1	12-06-2001	Lenmann et al.		
	3	US2001/0052920A1	12-20-2001	Matsumoto et al.		
	4	US2002/0044188A1	04-18-2002	Codos		
	5	US2002/0074554A1	06-20-2002	Sweatt et al.		
	6	US2002/0149660A1	10-17-2002	Cleary et al.		
	7	US2002/0175299A1	11-28-2002	Kanie et al.		
	8	US2004/0011457A1	01-22-2004	Kobayashi et al.		
	9	US2004/0134603A1	07-15-2004	Kobayashi et al.		
	10	4,010,374	03-01-1977	Ramler		
	11	4,309,452	01-05-1982	Sachs		
	12	4,990,971	02-05-1991	Le Creff		
	13	5,278,432	01-11-1994	Ignatius et al.		
	14	5,420,768	05-30-1995	Kennedy		
	15	5,535,673	07-16-1996	Bocko et al.		
	16	5,660,461	08-26-1997	Ignatius et al.		
	17	5,762,867	06-09-1998	D'Silva		
	18	5,764,263	06-09-1998	Lin		
	19	5,857,767	01-12-1999	Hochstein		
	20	5,986,682	11-16-1999	Itou		
	21	6,092,890	07-25-2000	Wen et al.		
	22	6,145,979	11-14-2000	Caiger et al.		
	23	6,163,036	12-19-2000	Taninaka et al.		
	24	6,188,086 B1	02-13-2001	Masuda et al.		
	25	6,354,700 B1	03-12-2002	Roth		
	26	6,425,663 B1	07-30-2002	Eastlund et al.		
	27	6,447,112 B1	09-10-2002	Hu et al.		
	28	6,457,823 B1	10-01-2002	Cleary et al.		
	29	6,498,355 B1	12-24-2002	Harrah et al.		
	30	6,525,752 B2	02-25-2003	Vackier et al.		
	31	6,630,286 B2	10-07-2003	Kramer		
	32	6,683,421 B1	01-27-2004	Kennedy et al.		
	33	6,783,810 B2	08-31-2004	Jin et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	34	Japanese Patent Publication Application No. JP 2000-268416 B	09-29-2000	Global Mach KK		√

Examiner Signature	Date Considered
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10/24/2001 W&K Substitute for Form PTO-SB/08A, which is a USPTO Substitute for form 1449A/PTO and 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 2 of 1		Complete if Known	
		Application Number	10/753,837
		Filing Date	January 7, 2004
		First Named Inventor	Stephen B. Siegel
		Group Art Unit	1756
		Primary Examiner Name	Marianne L. Padgett
		Confirmation No.	6782
Attorney Docket Number		6987/90136	

35	Japanese Patent Publication Application No. JP 2001-209980 B	08-03-2001	Matsushita Electric Ind. Co. Ltd.		✓
36	Japanese Patent Publication Application No. JP 2005-129662 B	05-19-2005	Iwasaki Electric Co. Ltd.		✓

OTHER ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ⁶
	37	Publication: "Photoinitiators for UV Curing Key Products Selection Guide, Coating Effects", by Ciba Specialty Chemicals, Edition 2001, Switzerland.			✓
	38	Publication: "Photoinitiators for UV Curing Formulators' Guide for Coatings, Additives", by Ciba Specialty Chemicals, Edition 2001, Switzerland.			✓
	39	Publication: "Optical Properties of Si-Doped Al _x Ga _{1-x} N/Al _y Ga _{1-y} N (x=0.24-0.53, y=0.11) Multi-Quantum-Well Structures" by H. Hirayama and Y. Aoyagi, The Institute of Physical and Chemical Research, Saitama, Japan, MRS Internet J. Nitride Semicond. Res. 4S1,G3.74 (1999).			✓

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